

SHEET 1 OF 1

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. MICRON.248A	APPLICATION NO. 10/050,359
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Tulisa, et al.	
		FILING DATE Jan. 15, 2002	GROUP 2B18

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
<i>MT</i>	5,294,826	3/15/94	Marcantonio, et al.			

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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062204

EXAMINER <i>Marcantonio</i>	DATE CONSIDERED <i>11/22/04</i>
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 809; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
MICRON.248AAPPLICATION NO.
10/050,339INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT
Tuttle, et al.FILING DATE
January 15, 2002GROUP
2818

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
MH	5,258,972	11/2/93	Brasfield, et al.			
	5,391,892	2/21/95	Devereaux, et al.			
	6,155,675	12/5/00	Nice, et al.			
	6,284,107	9/4/01	Zhu, et al.			
	6,444,257	9/3/02	Kutt, et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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EXAMINER	<i>Heath</i>	DATE CONSIDERED	11/22/04
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.			

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APPLICANT
Tuttle, et al.FILING DATE
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2818

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
<i>MT</i>	3,623,032	11/23/71	Schapiro			
<i>MT</i>	4,323,405	4/6/82	Uno, et al.			
	4,423,548	1/3/84	Hulseweh			
	4,839,716	6/13/89	Butt			
	5,559,306	9/24/96	Mahulikar			
	5,668,406	9/16/97	Egawa			
	5,977,626	11/2/99	Wang, et al.			
	5,998,867	12/7/99	Jensen, et al.			
	6,365,960	4/2/02	Pollock, et al.			June 19, 2000
	6,452,253	9/17/02	Tuttle			Aug. 31, 2000
	6,455,864	9/24/02	Featherby, et al.			Nov. 30, 2000
	6,507,101	1/14/03	Morris			March 26, 1999
	6,515,352	2/4/03	Spielberger, et al.			Sept. 25, 2000
	6,531,759	3/11/03	Wachnik, et al.			Feb. 6, 2001
	6,559,521	5/6/03	Tuttle			
	6,566,596	5/20/03	Askew			Dec. 29, 1997
	6,583,987	6/24/03	Skinner, et al.			April 16, 2002
	6,603,193	8/5/03	Crane, Jr., et al.			Sept. 6, 2001
	6,614,102	9/2/03	Hoffman, et al.			May 4, 2001
	6,635,819	10/21/03	Awakura, et al.			April 4, 2001
	6,650,003	11/18/03	Benedetto			Nov. 17, 2000
	6,664,613	12/16/03	Tuttle			

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EXAMINER

Mahulikar

DATE CONSIDERED

11/22/04

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	FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. MCRON.248A	APPLICATION NO. 10050.339
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT			APPLICANT Tuttle, et al.
	(SEE SEVERAL SHEETS IF NECESSARY)			FILING DATE January 15, 2002

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
<i>MA</i>	1	5,406,117	04/11/95	Dlugocki, et al.	—	—	—
<i>MA</i>	2	5,635,754	06/03/97	Strobel, et al.	—	—	—
<i>MA</i>	3	5,650,659	07/22/97	Mostafazadeh, et al.	—	—	—
<i>MA</i>	4	5,763,824	06/09/98	King, et al.	—	—	—
<i>MA</i>	5	5,736,070	04/07/98	Murakami, et al.	—	—	—
<i>MA</i>	6	5,825,042	10/20/98	Strobel, et al.	—	—	—
<i>MA</i>	7	5,831,331	11/03/98	Lee	—	—	—
<i>MA</i>	8	5,889,316	03/30/99	Strobel, et al.	—	—	—
<i>MA</i>	9	6,097,080	06/01/00	Nakanishi, et al.	—	—	—
<i>MA</i>	10	6,174,737 B1	01/16/01	Dunham, et al.	—	—	—
<i>MA</i>	11	6,429,044 B1	08/06/02	Tuttle	—	—	—
<i>MA</i>	12	6,151,352 B1	02/04/03	Spielberger, et al.	—	—	—

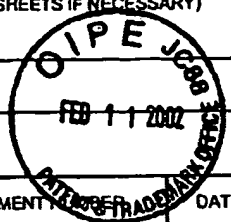
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
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080503

EXAMINER <i>M. Schmitt</i>	DATE CONSIDERED <i>09/03</i>
<small>*EXAMINER: INITIAL IF CITATION CONSIDERED. WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.</small>	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Tuttle et al.	
		FILING DATE January 15, 2002	GROUP Unknown



U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)	
MH	4,953,002	8/28/90	Nelson et al.				
MH	5,387,551	2/7/95	Mizoguchi et al.				
MH	5,561,265	10/1/96	Livshits et al.				
MH	5,640,047	6/17/97	Nakashima				
MH	5,902,690	5/11/99	Tracy et al.				
MH	5,939,772	8/17/99	Hurst et al.				
MH	6,027,948	2/22/00	Jensen et al.				

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
MH	"Easy BGA Packaging for Intel® Flash Memory Devices: Product Overview," Intel.com, (2001), pp. 1-3.
MH	"Overview Of Intel Packaging Technology," 1999 Packaging Databook, Ch. 1., pp. 1-2.
MH	"Preliminary Mechanical and Shipping Media Information for Easy BGA Packages," Easy BGA Mechanical Specification, (May 2000), pp. 1-6.
MH	"The Chip Scale Package (CSP)," 2000 Packaging Databook, Ch. 15, pp. 1-12.
MH	Mahajan et al., "The Evolution of Microprocessor Packaging," Intel Technology Journal Q3, (2000), pp. 1-10.

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020802

EXAMINER	<i>Maahajan</i>	DATE CONSIDERED	05/03
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.			